

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
 Data File : BG019480.D
 Acq On : 4 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4245-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY33

Quant Time: Nov 05 01:00:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 04 22:22:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	30832	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	129130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	101586	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	274294	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	371991	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	351368	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	596	0.93	ng/uL	0.00
5) Phenol-d5	7.32	99	15202	5.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	59675	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	42379	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	33059	14.66	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	30866	32.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	35545	31.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	69973	28.63	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.21	166	279154	33.33	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	304219	32.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	8097	6.09	ng/ul	0.00
58) Fluorene-d10	15.79	176	249828	32.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	54761	30.84	ng/ul	0.00
71) Anthracene-d10	17.65	188	423381	33.86	ng/ul	0.00
79) Pyrene-d10	19.92	212	527845	32.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	599022	33.97	ng/ul	0.00

Target Compounds

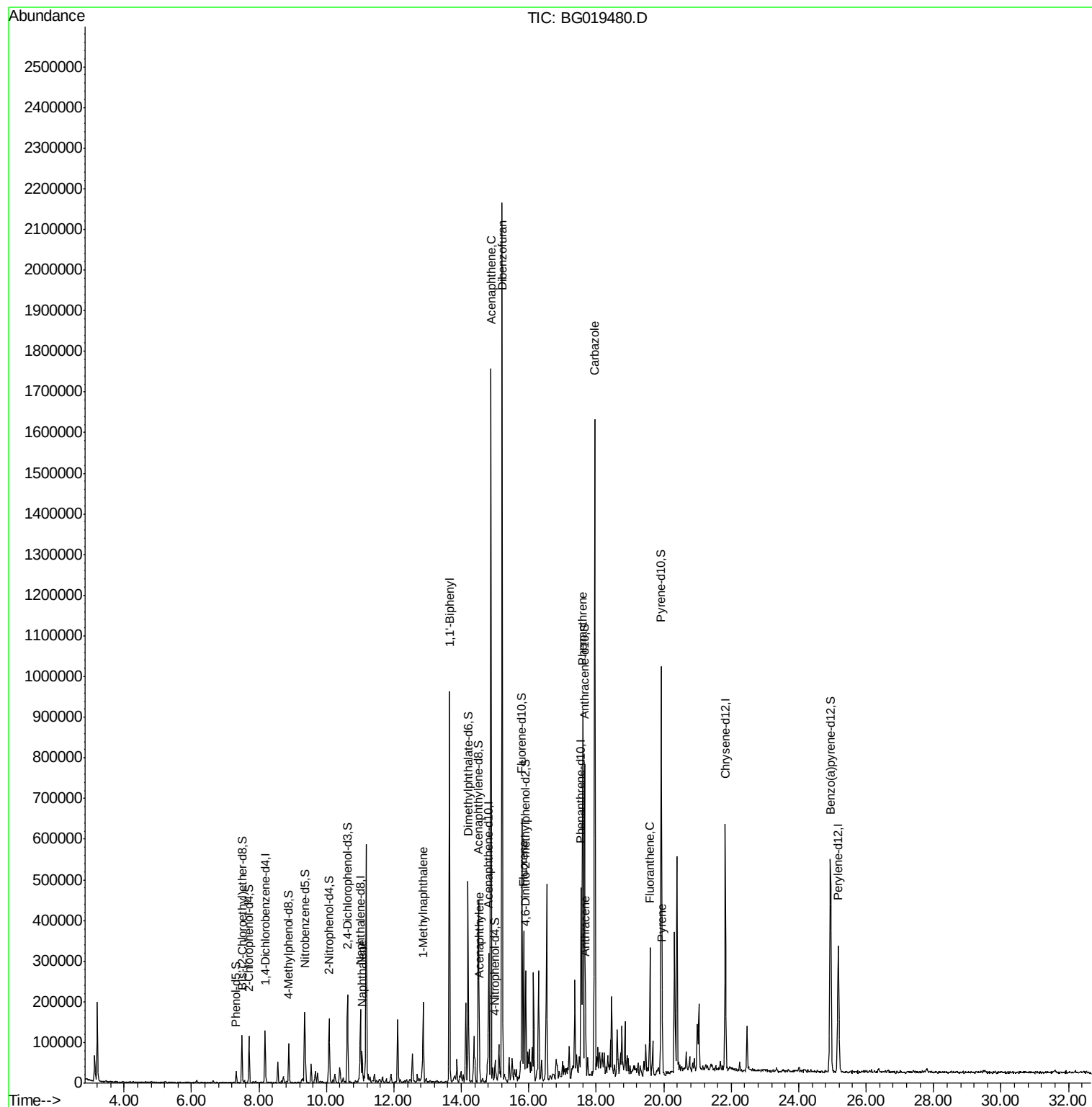
						Ovalue
28) Naphthalene	11.06	128	50000	7.74	ng/ul	95
35) 1-Methylnaphthalene	12.87	142	75170	15.30	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	475160	66.17	ng/ul#	97
48) Acenaphthylene	14.54	152	27744	2.92	ng/ul#	87
50) Acenaphthene	14.88	153	680891	106.10	ng/ul	97
54) Dibenzofuran	15.21	168	1222076	129.31	ng/ul	90
59) Fluorene	15.85	166	156579	18.99	ng/ul	94
70) Phenanthrene	17.59	178	497053	35.91	ng/ul	97
72) Anthracene	17.68	178	101639	7.20	ng/ul	97
75) Carbazole	17.96	167	954806	84.80	ng/ul	94
77) Fluoranthene	19.59	202	192818	10.76	ng/ul	97
80) Pyrene	19.95	202	103351	4.95	ng/ul#	94

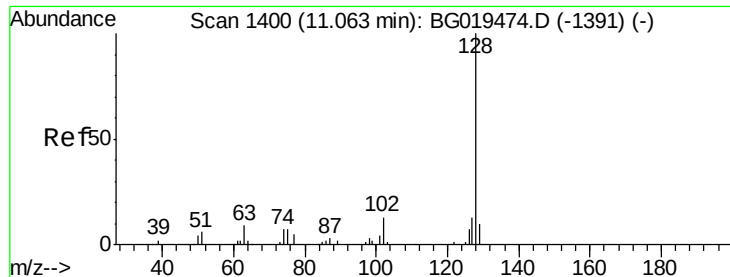
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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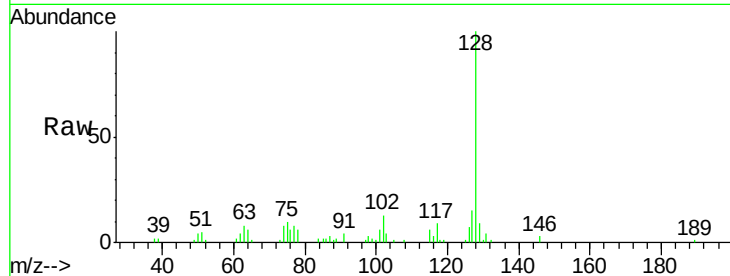




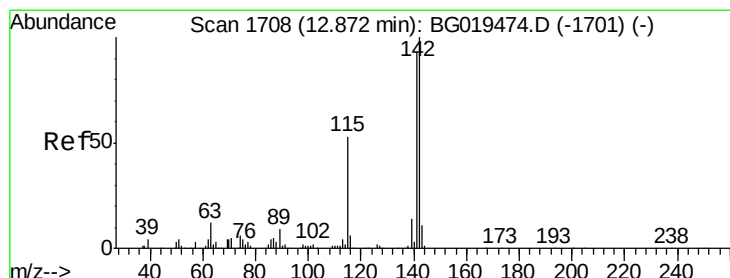
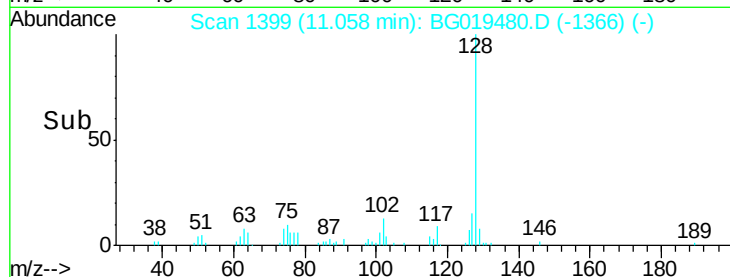
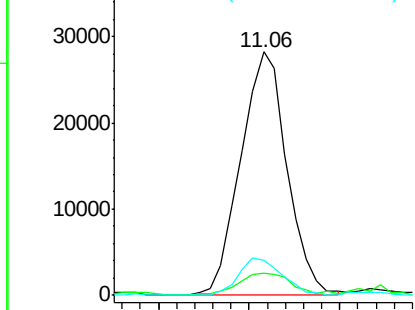
#28
Naphthalene
Concen: 7.74 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Instrument :
BNA_G
ClientSampleId :
BCY33

Tot Ion:128 Resp: 50000
Ion Ratio Lower Upper
128 100
129 9.1 8.9 13.3
127 14.5 13.1 19.7

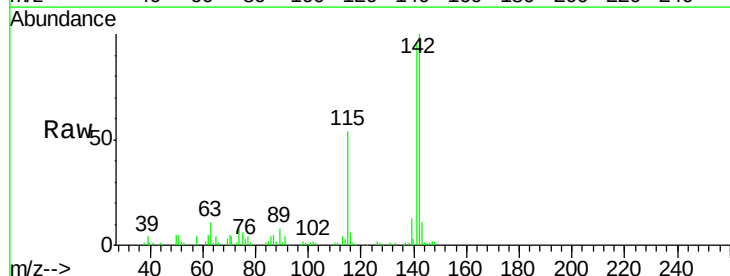


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

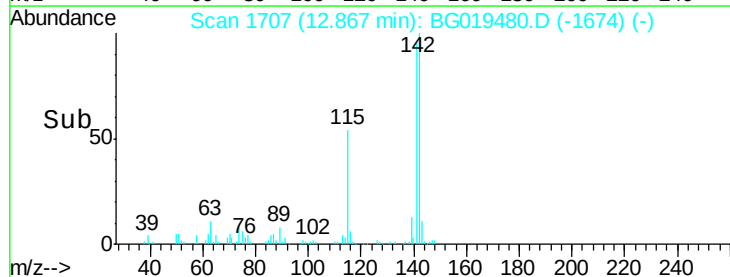
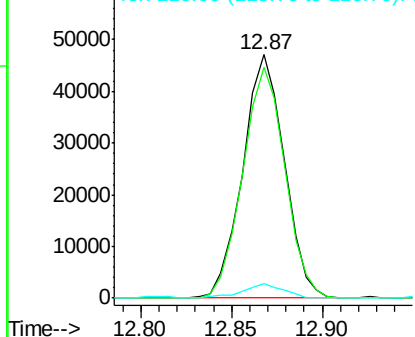


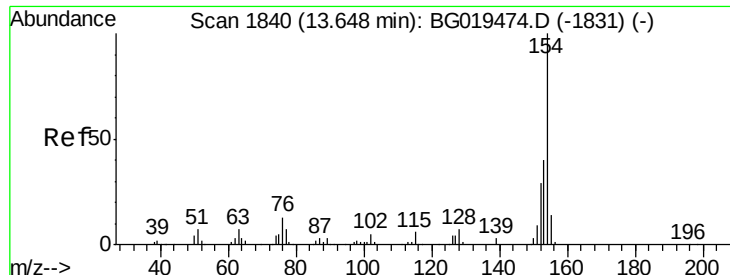
#35
1-Methylnaphthalene
Concen: 15.30 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG019480.D
Acq: 4 Nov 2015 21:30

Tgt Ion:142 Resp: 75170
Ion Ratio Lower Upper
142 100
141 94.7 76.5 114.7
116 6.2 5.4 8.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#41

1,1'-Biphenyl

Concen: 66.17 ng/ul

RT: 13.65 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

Instrument :

BNA_G

ClientSampleId :

BCY33

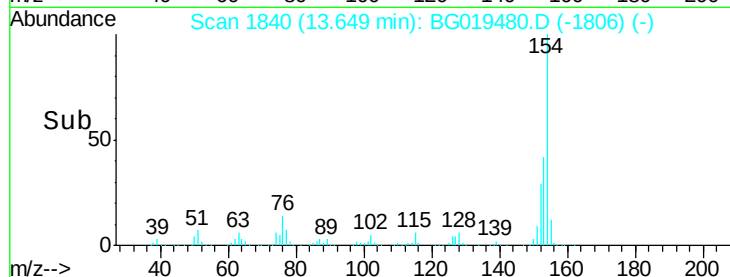
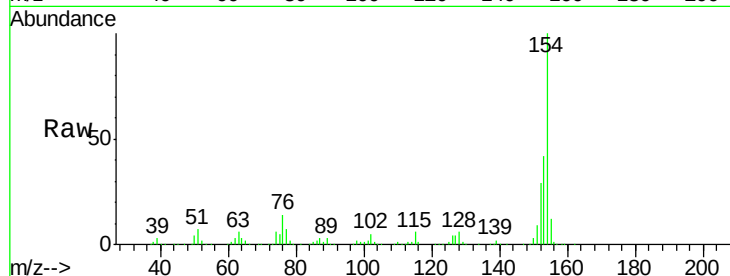
Tot Ion:154 Resp: 475160

Ion Ratio Lower Upper

154 100

153 41.6 32.8 49.2

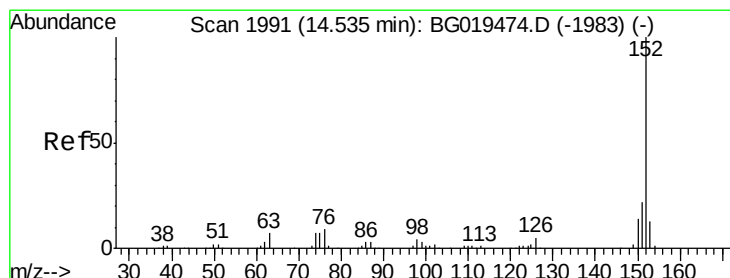
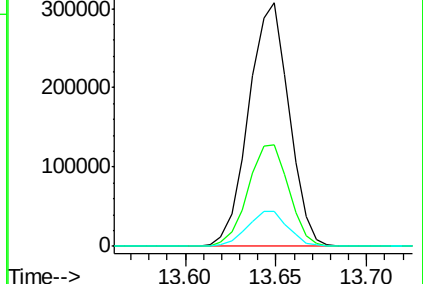
76 14.3 7.7 11.5#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48

Acenaphthylene

Concen: 2.92 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

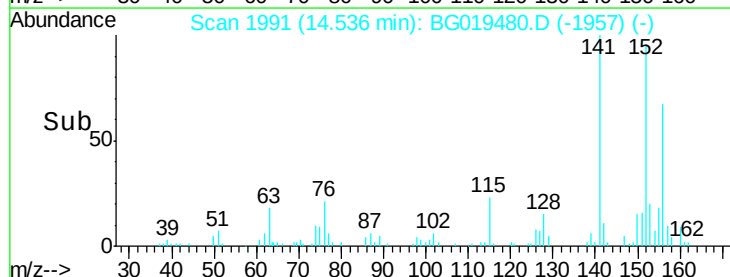
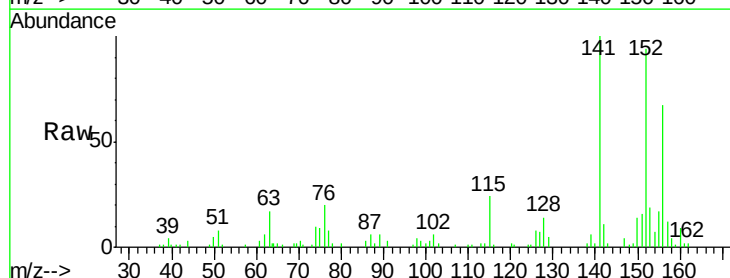
Tgt Ion:152 Resp: 27744

Ion Ratio Lower Upper

152 100

151 16.7 16.9 25.3#

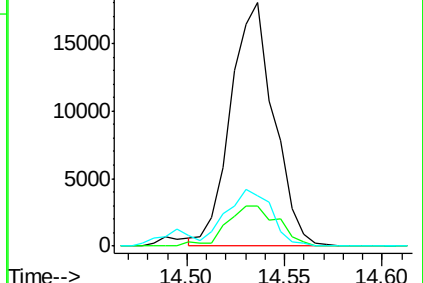
153 20.7 10.8 16.2#

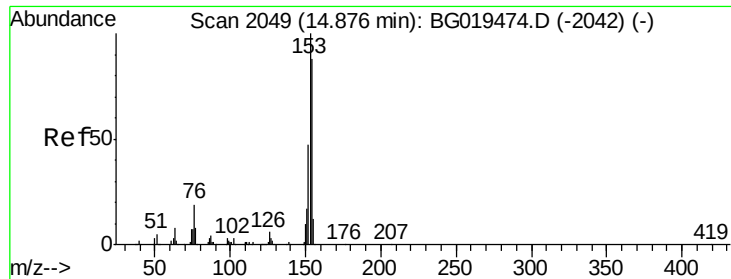


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 106.10 ng/ul

RT: 14.88 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

Instrument :

BNA_G

ClientSampled :

BCY33

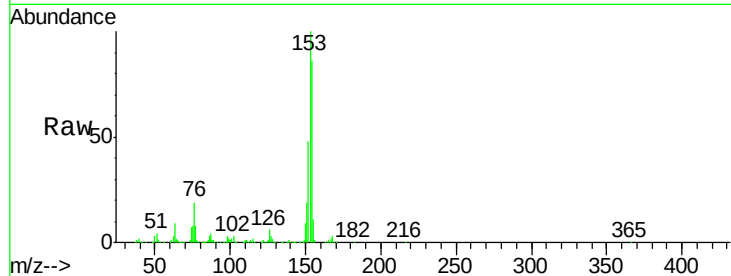
Tot Ion:153 Resp: 680891

Ion Ratio Lower Upper

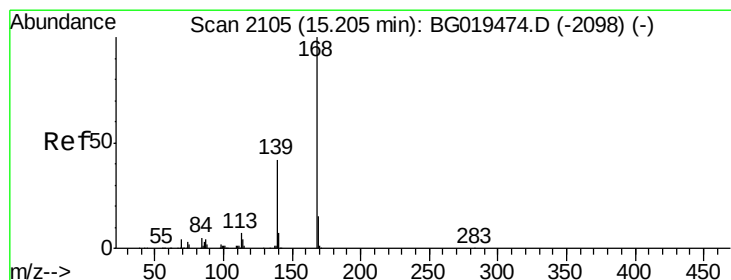
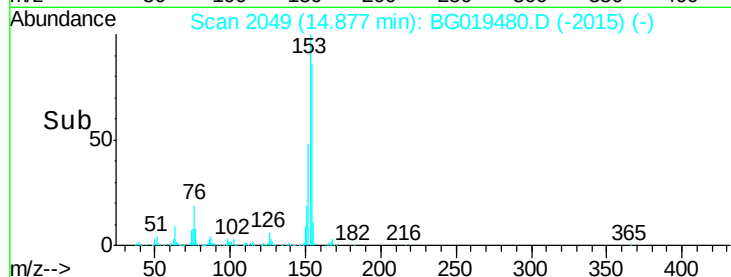
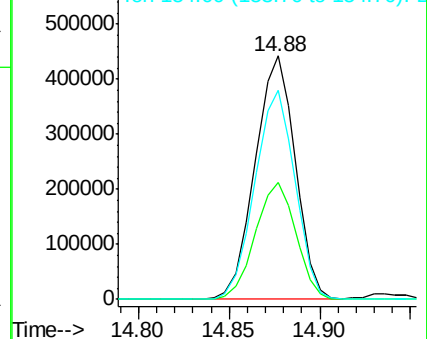
153 100

152 48.0 38.8 58.2

154 85.7 71.5 107.3



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 129.31 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG019480.D

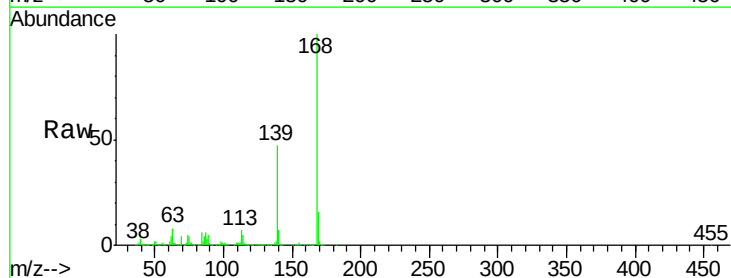
Acq: 4 Nov 2015 21:30

Tgt Ion:168 Resp: 1222076

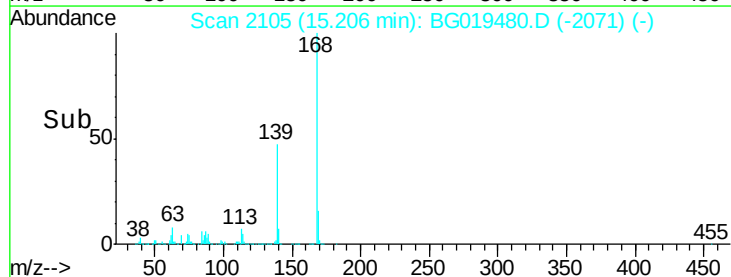
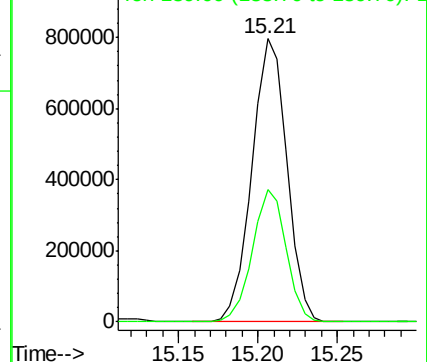
Ion Ratio Lower Upper

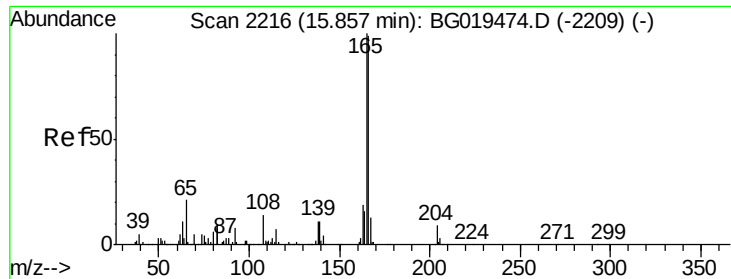
168 100

139 46.5 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 18.99 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

Instrument :

BNA_G

ClientSampleId :

BCY33

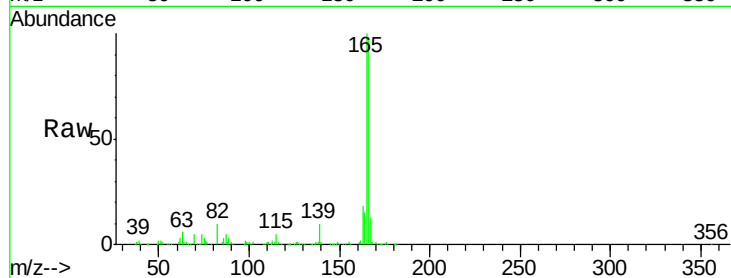
Tot Ion:166 Resp: 156579

Ion Ratio Lower Upper

166 100

165 102.5 77.6 116.4

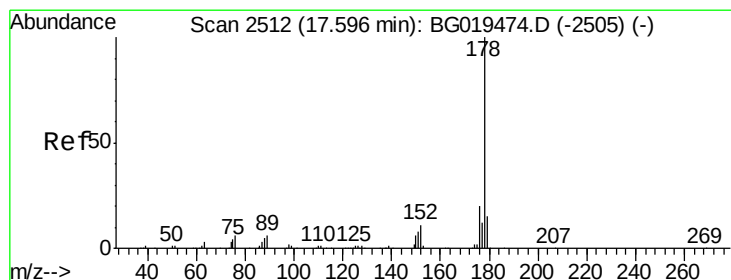
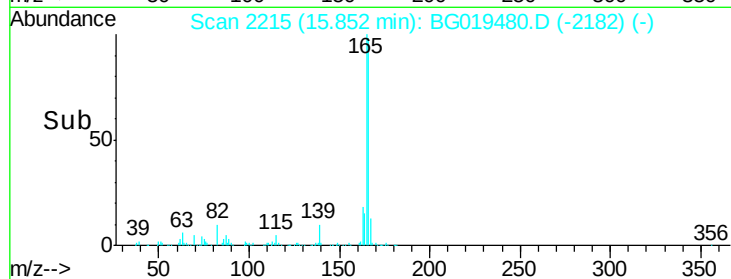
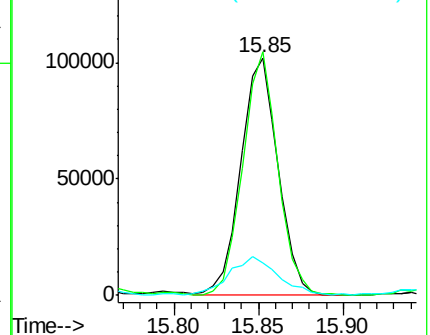
167 13.8 9.6 14.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 35.91 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

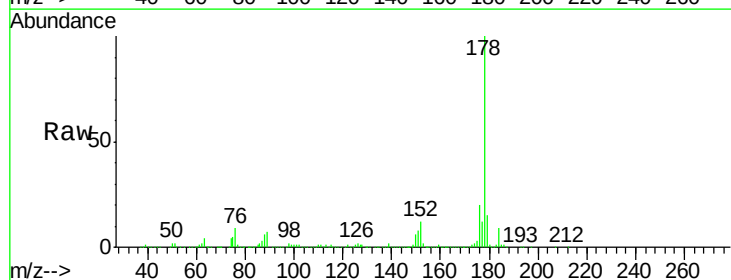
Tgt Ion:178 Resp: 497053

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

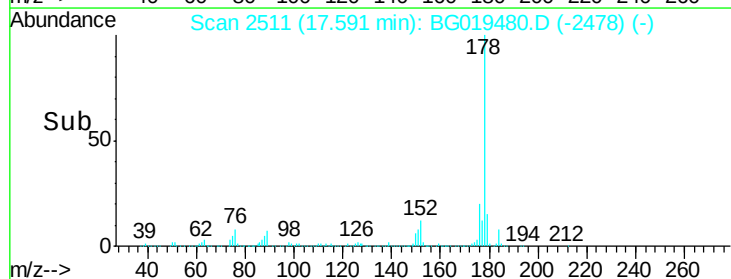
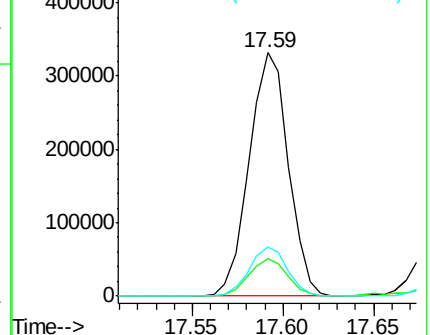
176 20.1 14.3 21.5

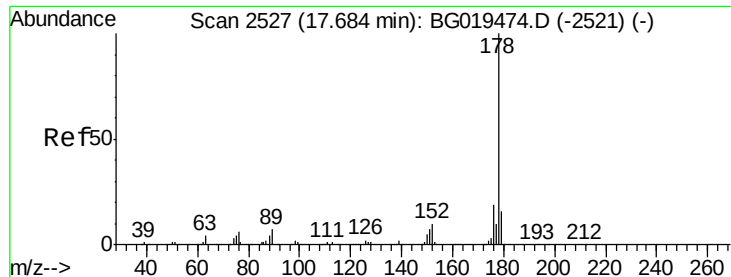


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 7.20 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG019480.D

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Instrument :

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BCY33

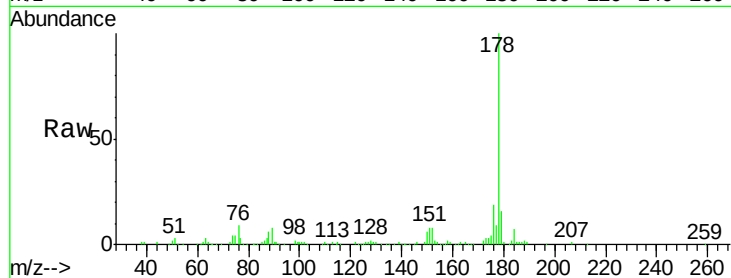
Tot Ion:178 Resp: 101639

Ion Ratio Lower Upper

178 100

179 15.7 11.6 17.4

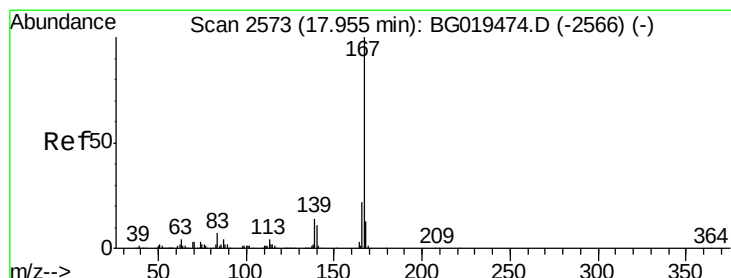
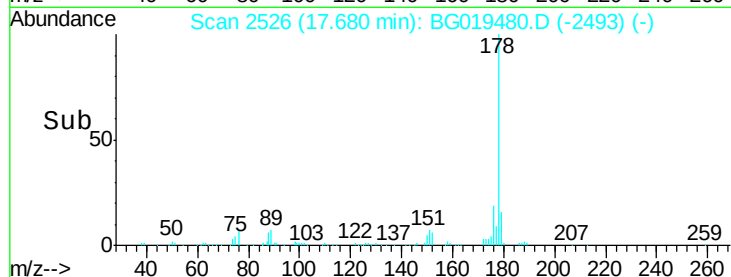
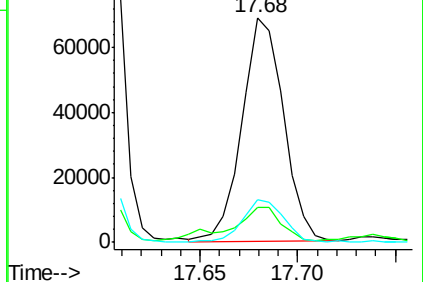
176 19.1 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 84.80 ng/ul

RT: 17.96 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

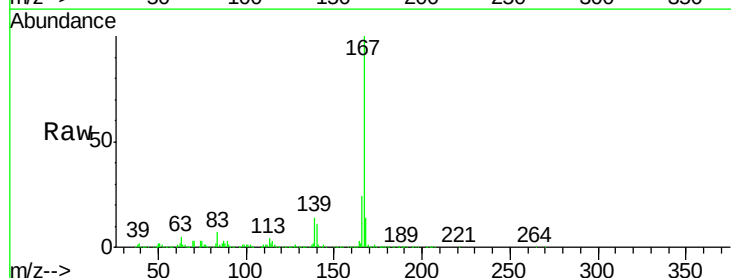
Tgt Ion:167 Resp: 954806

Ion Ratio Lower Upper

167 100

166 24.2 16.8 25.2

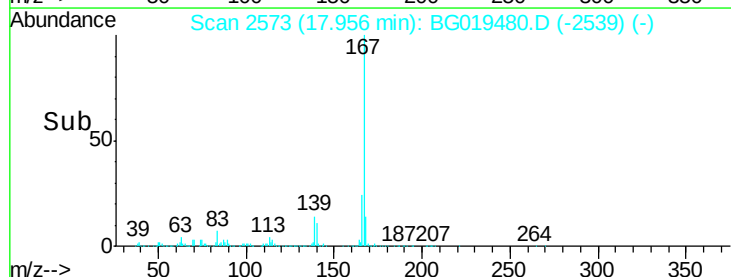
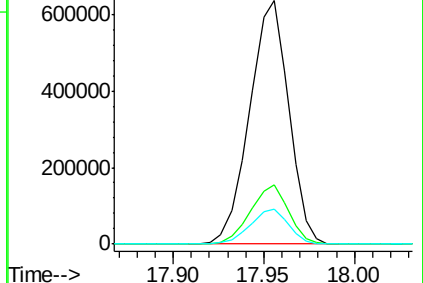
139 14.5 9.8 14.6

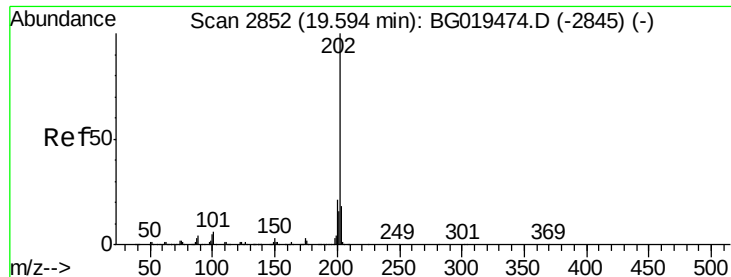


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 10.76 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

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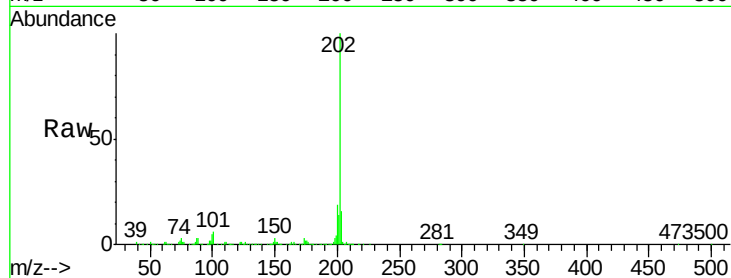
Tot Ion:202 Resp: 192818

Ion Ratio Lower Upper

202 100

101 6.0 4.0 6.0

100 5.4 3.6 5.4

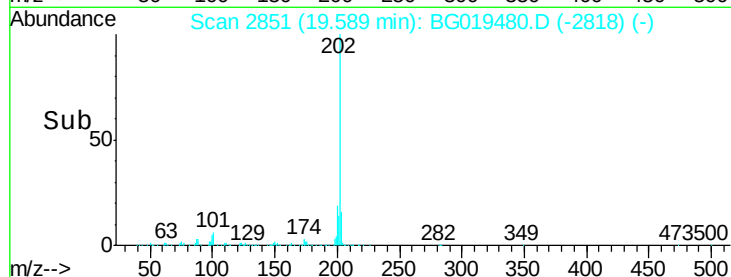


Abundance Ion 202.00 (201.70 to 202.70): E

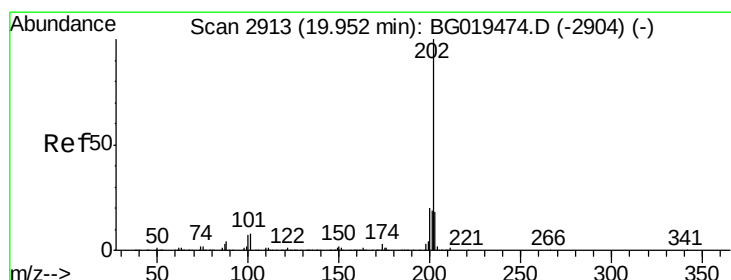
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.59



Time-->



#80

Pyrene

Concen: 4.95 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG019480.D

Acq: 4 Nov 2015 21:30

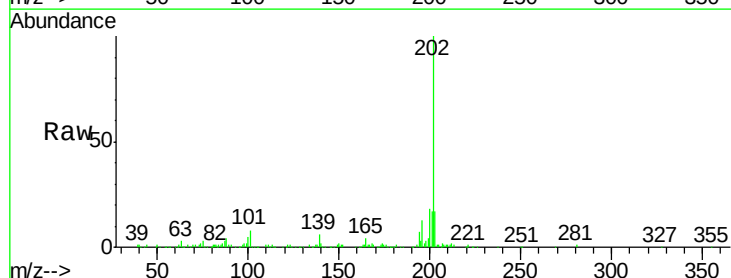
Tgt Ion:202 Resp: 103351

Ion Ratio Lower Upper

202 100

101 8.5 4.3 6.5#

100 5.3 3.6 5.4

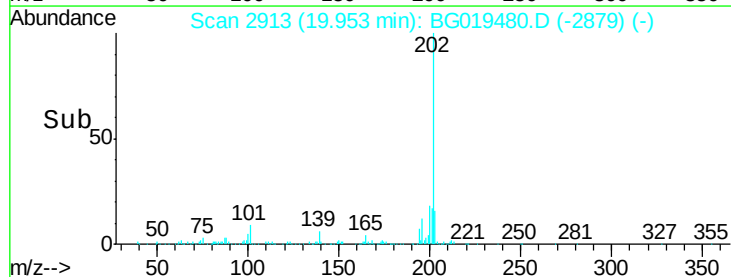


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.95



Time-->